



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT & FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya
Telephone: 254 (0) 20 3867880-7, Fax: 254 (0) 20 3876955/3877373/3867888,
e-mail: director@meteo.go.ke, info@meteo.go.ke Website: <http://www.meteo.go.ke>

WEATHER FORECAST FOR THE NEXT SEVEN-DAY PERIOD VALID 2ND TO 8TH APRIL, 2019

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<p>Review of weather for the last seven-day period (25th to 31st March, 2019):</p> <ul style="list-style-type: none"> • <i>Rainfall was recorded over several parts of the country.</i> • <i>Day-time (maximum) temperatures decreased over most parts of the country while night-time (minimum) temperatures increased some areas and decreased over others.</i> 	<p>Forecast for the next seven days (2nd to 8th April, 2019):</p> <p><i>The forecast indicates that:</i></p> <ul style="list-style-type: none"> • <i>Rainfall is expected to continue over some parts of the Central and Western highlands. The rest of the country is expected to remain mostly hot and dry.</i>
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1. WEATHER REVIEW FOR THE LAST SEVEN DAYS (25TH TO 31ST MARCH, 2019)

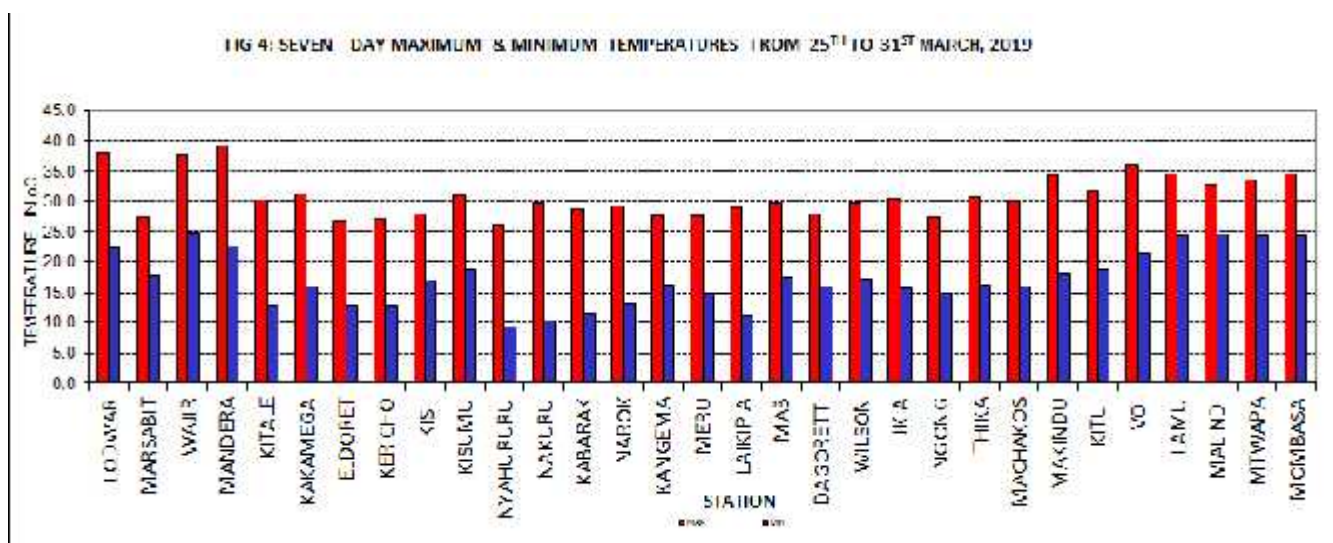
1.1 Rainfall Review

Rainfall was recorded over parts of the Lake Victoria Basin, Highlands West of the Rift Valley, Central and South Rift Valley; the Central Highlands; the Northeast and the Coast. However, Nairobi, the Southeast Lowlands and the Northwest remained mostly dry. A comparison between the previous seven days (18th to 24th March, 2019) with the period under review (25th to 31st March, 2019) indicates that rainfall amounts increased over several parts of the country.

Bungoma Water Supply Offices recorded the highest seven-day total rainfall of 83.9mm. Other stations that recorded significant rainfall totals during the review period include Busia Ministry of Water Offices (61.4mm), Eluuya Girls Secondary School in Bungoma County (60.7mm), Webuye Sub County Agricultural Office in Bungoma County (57.8mm), Thika Meteorological Station (49.2mm) and Karurumo Rainfall Station in Murang'a County (48.5mm) as depicted in **Figures 1 and 2**.

A number of stations also recorded heavy rainfall (20 - 50mm within 24 hours) and very heavy rainfall (>50mm within 24 hours) within the review period (particularly on 27th Mar, 2019). These include Bungoma Water Supply Offices (73.5mm), Eluuya Girls Secondary School (60.7mm), Thika Meteorological Station (49.2mm), Tuthu Rainfall Station in Murang'a County (47.3mm), Meru Meteorological Station (43.2mm) and Kaimosi Tea Factory (41.7mm) as depicted in **Figure 3**

of 7.5°C on 26th March, 2019. Mander Meteorological Station recorded the highest seven-day average maximum temperature of 39.2°C while Nyahururu Meteorological Station recorded the lowest seven-day average minimum temperature of 9.2°C (see Figure 4 below).



2. FORECAST FOR THE NEXT SEVEN DAYS FROM 2ND TO 8TH APRIL, 2019.

The forecast for the next seven-day period indicates that:

- Rainfall is expected to continue over some parts of the Central and Western highlands. The rest of the country is expected to remain mostly hot and dry.

DETAILED REGIONAL FORECAST FOR THE NEXT SEVEN DAYS 2ND TO 8TH APRIL, 2019.

The Lake Victoria Basin, Highlands West of the Rift Valley, Central and South Rift Valley (Counties of Siaya, Kisumu, Homabay, Migori, Kisii, Nyamira, Trans Nzoia, Baringo, Uasin Gishu, Elgeyo-Marakwet, Nandi, Laikipia, Nakuru, Narok, Kericho, Bomet, Kakamega, Vihiga, Bungoma and Busia) are likely to experience sunny intervals in the morning although rains are likely to occur over few places on Tuesday. Afternoon/evening showers and thunderstorms are expected over few places throughout the forecast period.

Northwestern (Counties of Turkana, West Pokot and Samburu) is likely to experience sunny conditions during the day and clear skies at night throughout the forecast period.

Central Highlands (including Nairobi area) (Counties of Nairobi, Nyandarua, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, and Tharaka) are likely to experience mainly sunny intervals in the morning although light rains are likely to occur on Thursday and Friday. Afternoon/evening showers are expected over few places between Tuesday and Thursday. The rest of the afternoons are expected to be sunny and the evenings partly cloudy.

Northeastern (Counties of Marsabit, Mandera, Wajir, Garissa and Isiolo) is likely to experience sunny conditions during the day and clear skies at night for much of the forecast period. However, morning rains and afternoon showers are likely to occur over few places on Friday.

Southeastern Lowlands (Counties of Kajiado, Kitui, Makueni, Machakos and Taita Taveta) are likely to experience sunny intervals during the day and partly cloudy to clear skies at night for much of the

forecast period. However, there is a likelihood of light morning rains and afternoon/evening showers occurring over few places in the extreme southern parts of the region between Tuesday and Thursday.

The Coastal Strip (counties of Mombasa, Tana River, Kilifi, Lamu and Kwale): is likely to experience sunny intervals during the day and partly cloudy skies at night for much of the forecast period. However, morning and early afternoon showers are likely to occur over few places between Tuesday and Thursday.

N.B: This forecast should be used in conjunction with the daily (24-hour) forecast issued by this Department.

KEY OF SCIENTIFIC WORDS USED

<i>Rainfall categories</i>	
<i>Range</i>	<i>Category</i>
<5 mm	Light
5 - 20mm	Moderate
20 - 50mm	Heavy
>50mm	Very heavy

<i>Rainfall coverage</i>	
<i>Term</i>	<i>Meaning</i>
Most Places	Between 66% and 100%
Several Places	Between 33% and 66%
Few Places	Below 33%

Stella Aura, MBS

Ag. DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT